IN THE CLAIMS:

Claim 1 (Currently amended) An external defibrillator enclosure ~~for use in conjunction~~ in combination with an electrode pad ~~assembly; the enclosure~~ assembly, comprising:

an electrode pad assembly;

a first panel and a second panel mated together and secured by a coupling means;

a plate secured by a coupling means to the second panel, the plate and second panel positioned relative to each other to form a slot, the slot sized to receive a portion of the electrode pad assembly, said portion of said electrode pad assembly being received in said slot, leaving a part of the electrode pad assembly exposed.

Claim 2 (Currently amended) The ~~enclosure~~ combination of claim 1 wherein both the second panel and the plate have an interior face and an exterior face and the second panel and plate are positioned such that the interior face of the plate is opposite the exterior face of the second panel.

Claim 3 (Currently amended) The ~~enclosure~~ combination of claim 2 wherein the space between the interior face of the plate and the exterior face of the second panel defines the slot.

Claim 4 (Currently amended) The ~~enclosure~~ combination of claim 2 wherein the electrode pad assembly comprises a cable and a connector at the end of the cable, and the exterior face of the second panel comprises a holding device for the cable.

Claim 5 (Currently amended) The ~~enclosure~~ combination of claim 4 wherein the holding device comprises a groove formed in the exterior face of the second panel, the groove sized to receive and retain the cable.

Claim 6 (Currently amended) The ~~enclosure~~ combination of claim 4 wherein the first and second panels each include a notch, the notches forming a port when the first and second panels are mated, the port configured to interface with the connector.

Claim 7 (Currently amended) [[An]] In combination, an enclosure for housing defibrillator electronics and carrying an electrode pad assembly for use with the ~~electronics; said enclosure~~ electronics, comprising:

an electrode pad assembly;

a first panel and a second panel mated together;

a plate secured to the second panel, the plate and second panel positioned relative to each other to create a slot, the slot sized to receive a portion of the electrode pad assembly, said portion of said electrode pad assembly being received in said slot, leaving a part of the electrode pad assembly exposed.

Claim 8 (Currently amended) The ~~enclosure~~ combination of claim 7 wherein the plate and second panel are positioned such that the interior surface of the plate faces the exterior surface of the second panel and the space between the interior surface of the plate and the exterior surface of the second panel defines the slot.

Claim 9 (Currently amended) The ~~enclosure~~ combination of claim 8 wherein the electrode pad assembly comprises a cable and a connector at the end of the cable, and the exterior surface of the second panel comprises a groove formed in the exterior face of the second panel, the groove sized to receive and retain the cable.

Claim 10 (Currently amended) The ~~enclosure~~ combination of claim 9 wherein the first and second panels each include a notch, the notches forming a port when the first and second panels are mated, the port configured to interface with the connector.

Claim 11 (Currently amended) The ~~enclosure~~ combination of claim 10 wherein the second panel is formed to include a recess in the area opposite the plate and the first end of the groove terminates at the recess and the second end of the groove terminates at the port.

Claim 12 (Currently amended) A defibrillator comprising:

electrical circuitry configured to output a defibrillation pulse;

an electrode pad assembly comprising an electrical cable and an electrical connector at the end of the cable configured to interface with the electrical circuitry; and

an enclosure for housing the electrical circuitry, the enclosure comprising an exterior slot sized to receive a portion of the electrode pad assembly, said portion of said electrode pad assembly being received in said slot, leaving a part of the electrode pad assembly exposed.

Claim 13 (Currently amended) The defibrillator of claim 12 wherein the enclosure comprises a rear panel and a plate, both having interior and exterior sides, the rear panel and plate positioned such that the interior side of the plate faces the exterior side of the rear panel, wherein the space between the interior side of the plate and the exterior side of the ~~second~~ rear panel defines the slot.

Claim 14 (Currently amended) The defibrillator of claim 13 wherein the exterior side of the ~~second~~ rear panel comprises a holding device for the cable.

15 (Currently amended) The defibrillator of claim 14 wherein the holding device comprises a groove formed in the exterior side of the ~~second~~ rear panel, the groove sized to receive and retain the cable.

Claim 16 (Original) The defibrillator of claim 12 wherein the enclosure comprises a port configured to interface with the connector.

Claim 17 (Currently amended) The defibrillator of claim 16 wherein the enclosure further comprises a front panel secured to the rear panel, and the connector comprises first and second sides and the sides are substantially flush with the surfaces of the ~~first and second~~ front and rear panels respectively when the connector is connected to the port.

Claim 18 (Original) The defibrillator of claim 16 wherein the enclosure comprises a handle and the port is adjacent the handle.

Claim 19 (Currently amended) An external defibrillator enclosure ~~for use in conjunction~~ in combination with an electrode pad ~~assembly; the enclosure~~ assembly, comprising:

an electrode pad assembly;

a first panel;

a second panel formed to include a slot sized to receive a portion of the electrode pad assembly, said portion of said electrode pad assembly being received in said slot, leaving a part of the electrode pad assembly exposed; and a coupling means for securing the first panel and the second panel together.

Claim 20 (Currently amended) A portable automatic external defibrillator comprising:

electrical circuitry configured to output a defibrillation shock signal;

[[an]] at least one accessory adapted to be used with the electrical circuitry; and

an enclosure formed to include a slot sized to receive a portion of the at least one accessory, said portion of said at least one accessory being received in said slot, leaving a part of said at least one accessory exposed.

Claim 21 (Currently amended) The defibrillator of claim 20 wherein the at least one accessory comprises an electrode pad assembly.

Claim 22 (Currently amended) The defibrillator of ~~claim 20~~ claim 21 wherein the at least one accessory further comprises a battery pack.

Claim 23 (Original) The defibrillator of claim 20 wherein the enclosure comprises a first portion and a second portion away from the first portion, the electrical circuitry comprises operational buttons located in the first portion and the slot is formed in the second portion.

Claim 24 (Currently amended) A disposable electrode pad assembly in combination with a portable automatic external defibrillator for storage of the electrode pad assembly in [[a]] the portable automatic external defibrillator ~~enclosure having a slot~~, the assembly comprising:

an external defibrillator enclosure defining a slot;

a pair of electrode pads;

a packaging for the electrode pads having a profile configured to receive and enclose the electrode pads, the profile further configured to facilitate insertion of a portion of the packaging for the electrode pads into the slot, said portion of said packaging for the electrode pads being received in said slot, leaving a part of the packaging for the electrode pads exposed.

Claim 25 (Currently amended) The ~~electrode pad assembly~~ combination of claim 24 wherein the profile comprises curved corners at an end intended to be inserted into the slot.

Claim 26 (Currently amended) The ~~electrode pad assembly~~ combination of claim 24 wherein the profile comprises a tab at an end intended to be positioned outside of the slot.